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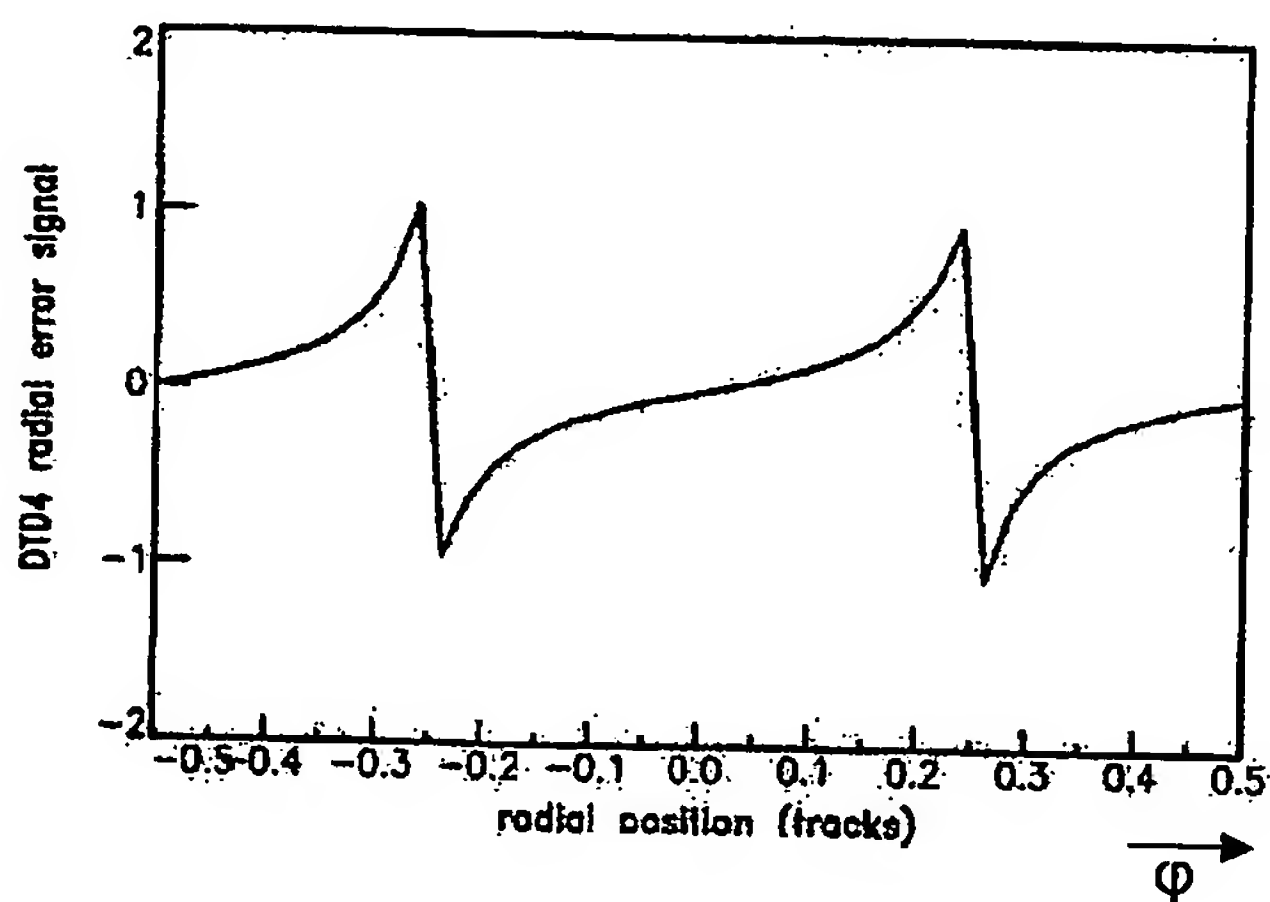
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(54) Title: **METHOD FOR RADIAL TRACKING IN AN OPTICAL DISC DRIVE**



(57) Abstract: A method for radial tracking in an optical disc drive (1) is described. A DTD tracking error signal (S3) is derived from the wobble-induced signal components (WA, WB, WC, WD) of the optical detector signal (SR). This tracking error signal is relatively insensitive to beamlanding errors, and to differences in the signal amplitudes K of the output signal of individual detector segments. Further, the need for a 3-spot grating is eliminated. A distinction is made between on the one hand a situation where the track being followed is empty and on the other hand a situation where the track being followed is written. In case the track being followed is empty, a DTD tracking error signal is derived from the wobble-induced signal components of the optical detector signal, whereas, in case the track being followed is written, a DTD tracking error signal is derived from the data-induced signal components of the optical detector signal.

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